



ABRASIVE FINISHING TOOLS

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DYNABRADE.COM



Dynastraight®

Air-Powered Abrasive Finishing Tool



PNEUMATIC WHEELS

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For Graining, Cleaning and Polishing on Stainless Steel, Aluminum, Carbon Steel, Composites

FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS
Up to 8" (203 mm) diameter
SEE PAGE 269

Model 13200 950 RPM, .7 hp

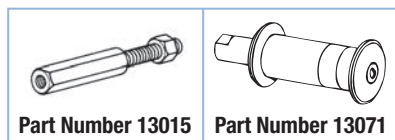
Model 13500 950 RPM, 1 hp

- Each model includes 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" diameter center hole.



Slower speed achieves longer and deeper grain pattern in work surface.

Arbors



See page 248 for detailed arbor information.



13200 Dynastraight® runs optional Non-Woven Nylon Wheel (see page 276).

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13200	.7 (522)	950	84 dB(A)	34 (952)	5/8" or 1"	1/4" NPT	1/2"-20 Male	4.7 (2.1)	14-7/8 (378)	1-3/4 (44)
13500	1 (744)	950	81 dB(A)	43 (1,218)	5/8" or 1"	3/8" NPT	1/2"-20 Male	5.2 (2.4)	15-3/4 (400)	1-7/8 (48)

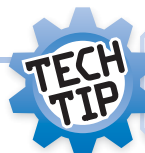
Tune-Up Kit: 13200 – No. 96260; 13500 – No. 96532 (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Model 13501 1,800 RPM, 1 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" dia. center hole.
- Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92938) may be mounted.

Model 13521 1,800 RPM, 1 hp

- 13015 Threaded Arbor (5/8"-11) ideal for use with optional 94472 Dynacushion® Pneumatic Wheel.



When using pneumatic wheels, inflate wheel only enough to hold the abrasive belt without slippage. Over-inflating the wheel can lead to "chatter marks" on the surface.

Model 13511 1,800 RPM, 6" Extension, 1 hp

- 5/8" or 1" diameter combo arbor for up to 3" wide wheels with 5/8" or 1" diameter center hole.
- Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92938) may be mounted.
- Cushioned grip enhances operator comfort.

Model 13531 1,800 RPM, 6" Extension, 1 hp

- 5/8"-11 threaded arbor accepts up to 3-1/2" wide pneumatic wheels (not included) with threaded 5/8"-11 center hole. Ideal set-up for optional Dynacushion® pneumatic wheel with 5/8"-11 thread (such as 92805).
- Cushioned grip enhances operator comfort.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13501	1 (744)	1,800	84 dB(A)	34 (952)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.2 (1.9)	13-3/8 (339)	1-7/8 (48)
13521	1 (744)	1,800	84 dB(A)	34 (952)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	3.8 (1.7)	14-7/8 (378)	1-7/8 (48)
13511	1 (744)	1,800	82 dB(A)	34 (952)	5/8" or 1"	3/8" NPT	N/A	4.6 (2.1)	17-1/4 (438)	1-7/8 (48)
13531	1 (744)	1,800	82 dB(A)	34 (952)	5/8"-11 Male	3/8" NPT	N/A	4.2 (1.9)	17-1/2 (445)	1-7/8 (48)

Tune-Up Kit: No. 96532 (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynastraight®

Air-Powered Abrasive Finishing Tool



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For Graining, Cleaning and Polishing on Stainless Steel, Aluminum, Carbon Steel, Composites

FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS
Up to 8" (203 mm) diameter
SEE PAGE 269

Model 13201 3,400 RPM, .7 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.
Any accessory with 1/2" dia. bore may be mounted.

Model 13202 3,400 RPM, .7 hp

- 13017 Arbor for up to 2" wide x 5/8" I.D. wheels.
Any accessory with 5/8" dia. bore may be mounted.



WATCH 13204
Dynastraight®
at Work!

Model 13204 3,400 RPM, .7 hp

- 13015 Threaded Arbor (5/8"-11) ideal for use with optional 94472 Dynacushion® Pneumatic Wheel.

Model 13205 3,400 RPM, .7 hp

- 13071 Combo Arbor for up to 3" wide wheels with 5/8" or 1" dia. center hole. Any Dynacushion® pneumatic wheel with 5/8" bore may be mounted (such as 92936).

13220 Versatility Kit

- Includes 13204 Dynastraight; 94472 Dynacushion® Pneumatic Wheel; 98130 Air Chuck (1/4" NPT); 94300 Dynaswivel® (1/4" NPT); 13016 Arbor; assortment of abrasives.



13204 Dynastraight® powers optional 94472 Dynacushion® pneumatic wheel on stainless steel.



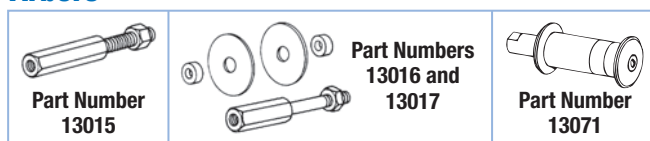
Model 13502 3,400 RPM, 1 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.
Any accessory with 1/2" dia. bore may be mounted.
- Ideal set-up for optional surface conditioning discs (shown).

Model 13503 3,400 RPM, 1 hp

- 13017 Arbor for up to 2" wide x 5/8" I.D. wheels.
Any accessory with 5/8" dia. bore may be mounted.

Arbors



See page 248 for detailed arbor information.



Disc Sold Separately

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13201	.7 (522)	3,400	82 dB(A)	35 (977)	1/2"	1/4" NPT	1/2"-20 Male	3.9 (1.8)	13-5/8 (346)	1-3/4 (44)
13202	.7 (522)	3,400	82 dB(A)	35 (977)	5/8"	1/4" NPT	1/2"-20 Male	3.9 (1.8)	13-5/8 (346)	1-3/4 (44)
13204	.7 (522)	3,400	82 dB(A)	35 (977)	5/8"-11	1/4" NPT	1/2"-20 Male	3.8 (1.7)	14-5/8 (371)	1-3/4 (44)
13205	.7 (522)	3,400	82 dB(A)	35 (977)	5/8" or 1"	1/4" NPT	1/2"-20 Male	4.0 (1.8)	13-5/8 (346)	1-3/4 (44)
13502	1 (744)	3,400	80 dB(A)	43 (1,218)	1/2"	3/8" NPT	1/2"-20 Male	4.3 (2.0)	15-1/8 (384)	1-7/8 (48)
13503	1 (744)	3,400	80 dB(A)	43 (1,218)	5/8"	3/8" NPT	1/2"-20 Male	4.2 (1.9)	13-7/8 (353)	1-7/8 (48)

Tune-Up Kit: .7 hp Models – No. 96260; 1 hp Models – No. 96532 (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

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Model 13505 3,400 RPM, 1 hp

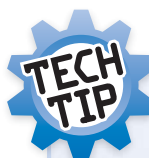
- 13015 Threaded Arbor (5/8" -11) ideal for use with optional 94472 Dynacushion® pneumatic wheel (shown).

Model 13506 3,400 RPM, 1 hp

- 13071 Combo Arbor for up to 3" wide wheels with 5/8" or 1" diameter center hole. Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92936) may be mounted.

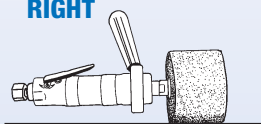


13505 Dynastraight® powers optional 94472 Dynacushion® pneumatic wheel.

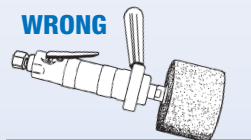


Avoid tipping the pneumatic wheel when operating. Best results will be achieved when keeping the pneumatic wheel as flat on the surface as possible.

RIGHT



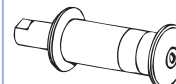
WRONG



Arbors



Part Number 13015



Part Number 13071

See page 248 for detailed arbor information.

Model 13512 3,400 RPM, 6" Extension, 1 hp

- 1/2" diameter arbor for up to 2" wide x 1/2" I.D. wheels. Any accessory with 1/2" diameter bore may be mounted.
- Ideal set-up for optional surface conditioning discs (shown).
- Cushioned grip enhances operator comfort.

Model 13515 3,400 RPM, 6" Extension, 1 hp

- Ideal set-up for optional Dynacushion® wheel.
- Includes threaded arbor for exclusive use with up to 3-1/2" wide pneumatic wheels (wheel not included) with threaded 5/8"-11 center hole (such as 94472).
- Cushioned grip enhances operator comfort.

Model 13516 3,400 RPM, 6" Extension, 1 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" diameter center hole.
- Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92936) may be mounted.
- Cushioned grip enhances operator comfort.



WATCH 13515 Dynastraight® at Work!



Disc Sold Separately



13515 Dynastraight® sets grain pattern in stainless steel.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13505	1 (744)	3,400	80 dB(A)	43 (1,218)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	4.2 (1.9)	16-1/8 (409)	1-7/8 (48)
13506	1 (744)	3,400	80 dB(A)	43 (1,218)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.4 (2.0)	14-1/2 (369)	1-7/8 (48)
13512	1 (744)	3,400	80 dB(A)	43 (1,218)	1/2	3/8" NPT	—	4.4 (2.0)	18-1/2 (471)	1-7/8 (48)
13515	1 (744)	3,400	80 dB(A)	43 (1,218)	5/8"-11 Male	3/8" NPT	—	4.1 (1.9)	18-5/8 (472)	1-7/8 (48)
13516	1 (744)	3,400	80 dB(A)	43 (1,218)	5/8" or 1"	3/8" NPT	—	4.7 (2.1)	18-3/4 (475)	1-7/8 (48)

Tune-Up Kit: No. 96532 (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 bar)

Dynastraight®

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FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS
Up to 8" (203 mm) diameter
SEE PAGE 269

Model 13206 4,500 RPM, .7 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.
- Accessories with 1/2" dia. bore (maximum speed of 4,500 RPM) may be mounted.

Model 13207 4,500 RPM, .7 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" dia. center hole.
- Accessories with 5/8" dia. bore (maximum speed of 4,500 RPM) may be mounted.

Model 13214 4,500 RPM, .7 hp

- 13072 Threaded Arbor (5/8"-11), ideal for use with optional 92921 DynaWheel (5" dia. x 1" wide). See page 245.



WATCH 13206
Dynastraight®
at Work!



Model 13207

Wheel Sold Separately



Left:
Optional 92867 DynaWheel on 13523 Dynastraight®, for concentrated grinding and fast material removal.

Model 13507 4,500 RPM, 1 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.

Model 13508 4,500 RPM, 1 hp

- 13071 Combo Arbor for up to 3" wide wheels with 5/8" or 1" dia. center hole.



WATCH 13520
Dynastraight®
at Work!

Model 13523 4,500 RPM, 1 hp

- 13072 Threaded Arbor (5/8"-11) for exclusive use with optional 92867 or 92868 DynaWheel (5" dia. x 1-1/2" wide). See page 245.

Model 13517 4,500 RPM, 6" Extension, 1 hp

- 1/2" diameter arbor for up to 2" wide x 1/2" I.D. wheels.

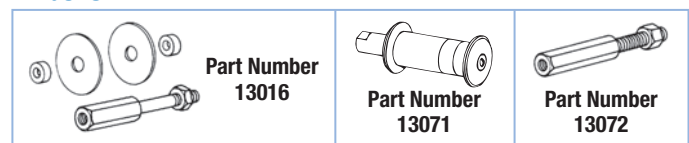
Model 13518 4,500 RPM, 6" Extension, 1 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" dia. center hole.

Model 13520 4,500 RPM, 6" Extension, 1 hp

- Threaded arbor for use with up to 3-1/4" dia. pneumatic wheels with threaded 5/8"-11 center hole.
- Cushioned grip enhances comfort (all extension models).

Arbors



See page 248 for detailed arbor information.



Models 13517, 13518 and 13520 are ideal for use with optional coated abrasive flap wheels (shown) and non-woven nylon wheels.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13206	.7 (522)	4,500	82 dB(A)	40 (1,133)	1/2"	1/4" NPT	1/2"-20 Male	3.9 (1.8)	13-5/8 (346)	1-3/4 (44)
13207	.7 (522)	4,500	82 dB(A)	40 (1,133)	5/8" or 1"	1/4" NPT	1/2"-20 Male	4.0 (1.8)	13-5/8 (346)	1-3/4 (44)
13214	.7 (522)	4,500	82 dB(A)	40 (1,133)	5/8"-11 Male	1/4" NPT	1/2"-20 Male	4.0 (1.8)	13-5/8 (346)	1-3/4 (44)
13507	1 (744)	4,500	80 dB(A)	41 (1,161)	1/2"	3/8" NPT	1/2"-20 Male	4.3 (2.0)	15-1/8 (384)	1-7/8 (48)
13508	1 (744)	4,500	80 dB(A)	41 (1,161)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.4 (2.0)	15-1/2 (370)	1-7/8 (48)
13517	1 (744)	4,500	80 dB(A)	41 (1,161)	1/2"	3/8" NPT	—	4.4 (2.0)	18-1/2 (471)	1-7/8 (48)
13518	1 (744)	4,500	80 dB(A)	41 (1,161)	5/8" or 1"	3/8" NPT	—	4.7 (2.1)	18-3/4 (475)	1-7/8 (48)
13520	1 (744)	4,500	80 dB(A)	41 (1,161)	5/8"-11 Male	3/8" NPT	—	4.4 (2.0)	18-5/8 (472)	1-7/8 (48)
13523	1 (744)	4,500	80 dB(A)	41 (1,161)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	4.3 (2.0)	14-1/2 (366)	1-7/8 (48)

Tune-Up Kit: .7 hp Models – No. 96260; 1 hp Models – No. 96532 (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynastraight® Kits

Versatility Kits with Finishing Tool and DynaWheel

For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites

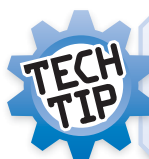
13215 Versatility Kit

- 13214 Dynastraight® (4,500 RPM), with 13072 Threaded Arbor (5/8"-11).
- 92921 DynaWheel (5" dia. x 1" wide), ideal for heavy-duty applications.
- 89186 Coated Abrasive Belt (60 grit, 1" wide x 15-1/2" long).
- Also includes 98130 Air Chuck, for controlled inflation of hard-to-reach valve assemblies. 1/4" female NPT. (See page 244.)



13535 Versatility Kit

- 13523 Dynastraight® (4,500 RPM), with 13070 Threaded Arbor (5/8"-11).
- 92867 DynaWheel (5" dia. x 1-1/2" wide), ideal for heavy-duty applications.
- Three 89182 Coated Abrasive Belts (60 grit, 1-1/2" wide x 15-1/2" long).
- Also includes 98130 Air Chuck, for controlled inflation of hard-to-reach valve assemblies. 1/4" female NPT. (See page 244.)



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



All Kits on page also include 98130 Air Chuck! (see page 244)



Dynastraight® Kit

Versatility Kits with Finishing Tool and Dynacushion® Wheel

For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites

13525 Versatility Kit

- 13505 Dynastraight® (3,400 RPM), with 13015 Threaded Arbor (5/8"-11).
- 94472 Dynacushion® (5" dia. x 3-1/2" wide), ideal for a variety of applications.
- 89173 Coated Abrasive Belt (120 grit, 3-1/2" wide x 15-1/2" long).
- NEW 89174 Coated Abrasive Belt (180 grit, 3-1/2" wide x 15-1/2" long).
- 89242 Non-Woven Nylon Belt (medium), 3-1/2" wide x 15-1/2" long.
- Also includes 98130 Air Chuck, for controlled inflation of hard-to-reach valve assemblies. 1/4" female NPT. (See page 244.)



Dynastraight®

Air-Powered Abrasive Finishing Tool



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For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites

FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS
Up to 8" (203 mm) diameter
SEE PAGE 269

Model 13509 6,000 RPM, 1 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" diameter center hole.
- Ideal for use with optional 94507 Dynacushion® Pneumatic Wheel (3-1/4" dia. x 3" wide x 5/8" bore).

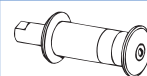


Model 13509



WATCH 13509
Dynastraight®
at Work!

Arbor



Part Number
13071

Model 13519 6,000 RPM, 6" Extension, 1 hp

- Threaded arbor for use with up to 3-1/4" diameter pneumatic wheels with threaded 5/8"-11 center hole (such as 94508 Dynacushion®).
- Cushioned grip enhances operator comfort.



Model 13519

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13509	1 (744)	6,000	82 dB(A)	44 (1,256)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.3 (2.0)	14-1/2 (369)	1-7/8 (48)
13519	1 (744)	6,000	83 dB(A)	44 (1,256)	5/8"-11 Male	3/8" NPT	N/A	4.4 (2.0)	18-5/8 (472)	1-7/8 (48)

Tune-Up Kit: No. 96532 (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Lightweight Dynastraight®

Air-Powered Abrasive Finishing Tool

Tough, Lightweight Tool for Consistent Finishes

FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS
Up to 8" (203 mm) diameter
SEE PAGE 269

- All models include 13061 Multi-Purpose Arbor for mounting optional abrasive wheels 1/2" to 3" wide (1/2" increments) with 5/8" or 1" center hole.

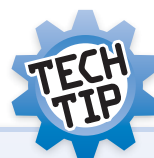
Model 13100 950 RPM, .4 hp

- Accepts optional accessories with 5/8" bore.
- Also speed-mated for 8" dia. sanding stars. An ideal way to whitewood sand, sealer sand and defuzz.

Model 13101 3,200 RPM, .4 hp

Model 13102 5,000 RPM, .4 hp

- Ideal for 1/2" to 3" wide abrasive impregnated non-woven nylon wheels.
- Achieves smooth finishes on stainless steel and composites used in kitchen and bath industries.
- Mount Abrasive Belts with optional 94507 Dynacushion® Pneumatic Wheel (3-1/4" dia. x 3" wide x 5/8" bore). Models 13101 and 13102 only.

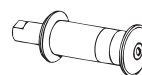


Many Dynastraight® operators find that it is easier to achieve a straight-line pattern by moving the tool in a faster back-and-forth stroke.



WATCH 13102
Dynastraight®
at Work!

Arbor



Part Number
13061



13101 Dynastraight® shown with optional 94507 Dynacushion® pneumatic wheel.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13100	.4 (298)	950	82 dB(A)	22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	2.2 (1.0)	13-1/4 (337)	1-5/8 (40)
13101	.4 (298)	3,200	81 dB(A)	22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	2.2 (1.0)	11-1/2 (292)	1-5/8 (40)
13102	.4 (298)	5,000	84 dB(A)	22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	2.2 (1.0)	11-1/2 (292)	1-5/8 (40)

Tune-Up Kit: No. 96173 (page 267) • Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynastraight® Flapper

Air-Powered Abrasive Finishing Tool



COUPLER/PLUG
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*For Polishing Insides of Pipe and Tubing;
Excellent for Light Deburring*

- Remove rust, oxide and scale; clean welds, remove paint and surface condition using abrasive flap wheels.
- Adjustable speed, lever throttle, front exhaust.

Model 51130 18,000 RPM, .5 hp

- Includes 51029 Flap Wheel Adapter.
- Shown with optional Abrasive Flap Wheel, 2-1/2" dia. x 1" wide.

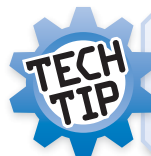


Model 51130

Wheel Sold Separately



Gearless



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



Model 51134

18,000 RPM, 8" Extension, .5 hp

- Includes 51116 Flap Wheel Adapter.
- Shown with optional Abrasive Flap Wheel, 2-1/2" dia. x 1" wide.



Model 51134

Wheel Sold Separately



Gearless

IMPORTANT: Speed of tool must not exceed maximum operating speed of accessory. Always wear eye, face and body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Adapter Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51130	.5 (373)	18,000	81 dB(A)	30 (850)	3/8 (10)	1/4" NPT	1/4"-20 Female	1.8 (0.8)	7 (178)	1-3/4 (44)
51134	.5 (373)	18,000	75 dB(A)	30 (850)	3/8 (10)	1/4" NPT	1/4"-20 Female	3.4 (1.5)	17-1/8 (435)	1-7/8 (48)

Tune-Up Kit: 51130 – No. 95600, 51134 – No. 96007 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**HIGHEST
QUALITY!**

**FASTEST
SHIPPING!**



**FREE ON-SITE
DEMOS!**

**BEST
SERVICE!**

Discover The Dynabrade Difference!

Dynabrade.com

Rolling Pin Sander

Air-Powered Abrasive Finishing Tool



PNEUMATIC WHEELS

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COUPLER/PLUG
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For Sanding and Finishing on Contoured Shapes

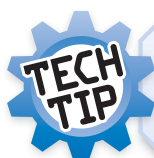
Model 58050 3,200 RPM, .4 hp

- Unique offset handle to control torque.
- Includes 94434 Pneumatic Wheel, 3-1/4" dia. x 7" long. Wheel inflates to 20 PSI max.
- Designed for use with coated abrasive and non-woven nylon belts.

Model 58050



FOR ABRASIVE BELTS
7" wide x 10-11/16" long
(178 mm x 271 mm)
SEE PAGE 273



Wheel conforms to wood and metal, and easily inflates/deflates for quick abrasive belt change. Use only 94465 Inflation Tool (see page 243).



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58050	.4 (298)	3,200	82 dB(A)	24 (668)	3/8 (10)	1/4" NPT	5/8"-11 Male	5 (2.3)	17-3/4 (452)	3-1/4 (83)

Tune-Up Kit: No. 96174 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Mini-Dynisher

Air-Powered Abrasive Finishing Tool



PNEUMATIC WHEELS

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DYNASWIVEL®
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Achieves Superior In-Line Finishes on Metal

- Powers optional Dynacushion® pneumatic wheel. Finish virtually any shape, contour or material, including stainless steel, aluminum, carbon steel, copper, brass, plastic, fiberglass, composites, wood, etc.

Model 13301 950 RPM, .4 hp

- Ideal for use with optional 94507 Dynacushion® pneumatic wheel (3-1/4" dia. x 3" wide).
- Accepts abrasive belts 3" wide x 10-11/16" long.

Model 13300 3,200 RPM, .4 hp

- Ideal for use with optional 94507 Dynacushion® pneumatic wheel (3-1/4" dia. x 3" wide).
- Accepts abrasive belts 3" wide x 10-11/16" long.
- Shroud allows for up to 4-1/2" diameter accessories.



Order 55064 Adapter to run optional Abrasive Flap Wheels and Interleaf Wheels!



13300 Mini-Dynisher powers optional 94507 Dynacushion® pneumatic wheel on stainless steel.



13310 Versatility Kit

- 13300 Mini-Dynisher®; 94507 Dynacushion® pneumatic wheel (3-1/4" dia. x 3" wide); 94465 Wheel Inflation Tool; ceramic coated aluminum oxide belt and medium grade non-woven nylon belt.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Diameter	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13300	.4 (298)	3,200	80 dB(A)	21 (595)	5/8"	1/4 (6)	1/4" NPT	2.8 (1.3)	10 (254)	7 (178)
13301	.4 (298)	950	81 dB(A)	21 (595)	5/8"	1/4 (6)	1/4" NPT	3.4 (1.5)	10 (254)	7 (178)

Tune-Up Kit: No. 96174 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynisher

Air-Powered Abrasive Finishing Tool



PNEUMATIC WHEELS

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PAGE 222

Achieves Superior In-Line Finishes on Metal

Model 13400 3,400 RPM, .7 hp

- Excellent for blending and finishing stainless steel and other metals, leaving an in-line scratch pattern.
- Operator uses back-and-forth motion; guard can be adjusted for work right up to side walls.
- Arbor (3/4" dia.) included for mounting a variety of abrasives and accessories.
- Variable speed control and safety-lock lever throttle.
- Ideal for use with optional 92938 Dynacushion® pneumatic wheel (5" dia. x 3-1/2" wide).



Model 13400

Wheel Sold Separately

13410 Versatility Kit

- Includes 13400 Dynisher with 92938 Dynacushion® pneumatic wheel (5" dia. x 3-1/2" wide), two abrasive belts and 98130 Air Chuck.

Model 13401 3,400 RPM, .7 hp, Metric

- For use with optional 92863 Dynacushion® pneumatic wheel (90 mm x 100 mm wide).

13411 Versatility Kit Metric

- Includes 13401 Dynisher with 92863 Dynacushion® pneumatic wheel (90 mm x 100 mm wide), two abrasive belts and 98130 Air Chuck.



Model 13410

Model 13450 2,800 RPM, 1 hp

- Ideal set-up for optional 92938 Dynacushion® pneumatic wheel (5" dia. x 3-1/2" wide).
- Great for refinishing stainless steel sinks, stainless steel kitchen countertops, etc.
- Slower speed achieves deeper and longer grain pattern in work surface.



WATCH 13450
Dynisher at Work!

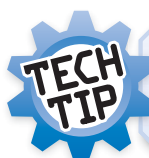
13460 Versatility Kit

- Includes Model 13450 Dynisher; 92938 Dynacushion® pneumatic wheel; 98130 Air Chuck; 80-grit belt; medium-grade belt; 95541 Grease Gun; 95542 Grease and 95848 Gear Oil.



Model 13450

13450 Dynisher powers optional 92938 Dynacushion® pneumatic wheel.



When using pneumatic wheels, inflate wheel only enough to hold the abrasive belt without slippage. Over-inflating the wheel can lead to "chatter marks" on the surface.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Diameter	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13400	.7 (522)	3,400	84 dB(A)	41 (1,161)	3/4" (19 mm)	3/8 (10)	1/4" NPT	4.5 (2.0)	13-1/2 (343)	9 (229)
13401	.7 (522)	3,400	84 dB(A)	41 (1,161)	3/4" (19 mm)	3/8 (10)	1/4" NPT	4.5 (2.0)	13-1/2 (343)	9 (229)
13450	1 (744)	2,800	80 dB(A)	41 (1,161)	3/4" (19 mm)	3/8 (10)	3/8" NPT	5.7 (2.6)	15 (381)	7 (180)

Tune-Up Kit: .7 hp Models – No. 96234; 1 hp Model – No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Electric Dynisher

Electric-Powered Abrasive Finishing Tool



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Achieves Superior In-Line Finishes on Metal

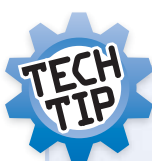
**FOR ABRASIVE BELTS,
CONDITIONING DISCS, FLAP WHEELS**
Up to 5" (127 mm) diameter
SEE PAGE 269

Model 51585 120 V (AC), 3,000 RPM

- Ideal for graining, blending, brushing and polishing. Utilized in a variety of industries, on stainless steel and other metals, as well as plastic, composites and more.
- Variable tool speed of 0-3,000 RPM. Operator can pre-select speed to suit each application.
- Electronic module maintains specified tool speed under load.
- Variable speed trigger allows operator to control speed from 0 to selected setting.
- Operator moves tool in easy front-to-back motion, for achieving in-line scratch pattern. Tool guard is adjustable for most efficient use.
- 5/8"-11 spindle and 3/4" arbor allow mounting of a variety of accessories and abrasives.
- Tool accepts optional Dynacushion® Pneumatic Wheel (5" dia. x 3-1/2" wide) and Non-Woven Nylon Wheels. Great versatility!
- Strong 835-watt power output gets the job done fast!



51585 Electric Dynisher fitted with optional 92937 Dynacushion® Pneumatic Wheel and coated abrasive belt. An ideal setup for achieving in-line scratch pattern on stainless steel.

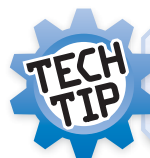
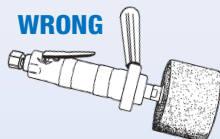


Avoid tipping the pneumatic wheel when operating. Best results will be achieved when keeping the pneumatic wheel as flat on the surface as possible.

RIGHT



WRONG



When using pneumatic wheels, inflate wheel only enough to hold the abrasive belt without slippage. Over-inflating the wheel can lead to "chatter marks" on the surface.

Model Number	Motor RPM	Motor hp (W)	Voltage	Current Amps	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51585	0-3,000	1.8 (1,342)	120 V (AC)	11	1	60 Hz	9.5 (4.31)	17 (432)	8 (203)

Dyninger

Air-Powered Abrasive Finishing Tool



DYNASWIVEL®
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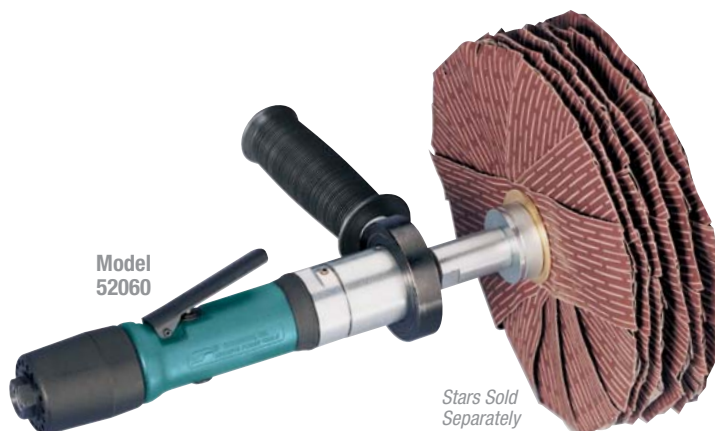
ACCESSORIES
PAGE 222

Sand, Defuzz, Blend, Scuff, Denib

FOR ABRASIVE STARS
8" (203 mm) diameter
SEE PAGE 284

Model 52060 950 RPM, .4 hp

- High torque air motor includes arbor (1" dia.) for mounting up to six coated abrasive stars, 8" diameter with 1" center hole (sold separately).
- Excellent for blending and scuffing sealer coatings on contours and flat surfaces. Whitewood sand raised panels, turnings, moldings and hard-to-reach areas.
- Defuzz wooden grid pattern panels and denibbing raised grain.
- Great for light deburring of metal.
- Extended rear exhaust muffler design.

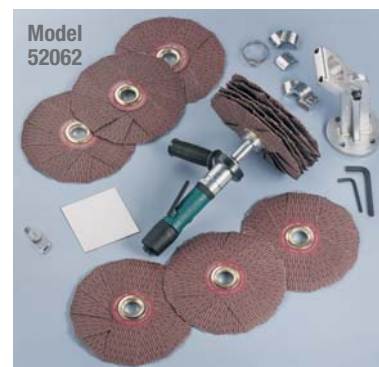
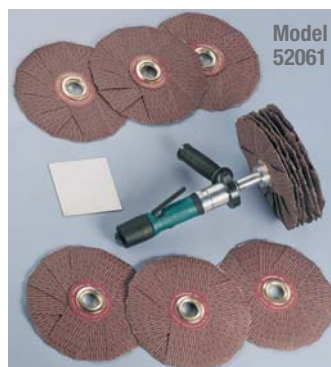


52061 Basic Versatility Kit

- 52060 Dyninger with 1" dia. arbor.
- 93245 Six Coated Abrasive Stars (120 grit).
- 93251 Six Coated Abrasive Stars (320 grit).
- 52031 Abrasive Dressing Plate.

52062 Deluxe Versatility Kit

- 52060 Dyninger with 1" dia. arbor.
- 93245 Six Coated Abrasive Stars (120 grit).
- 93251 Six Coated Abrasive Stars (320 grit).
- 52031 Abrasive Dressing Plate.
- 80020 Dynamount Tool Bench Mount.
- 95745 Speed Control.



For best performance of all sanding stars, prior to application "dress" the abrasive tips against optional 52031 Stainless Steel Abrasive Dressing Plate or equivalent. Also, a piece of hardwood such as oak will do. Dressing will break the stiffness, or flex the abrasives, resulting in a more consistent finish.



Sanding Stars are ideal for work on intricate profiles.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52060	.4 (298)	200-950	82 dB(A)	22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	3.7 (1.7)	11-1/8 (283)	2-3/4 (70)

Tune-Up Kit: No. 96173 (page 267) • Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Pressure 90 PSIG (6.2 Bar)

Lightweight Dyninger

Air-Powered Abrasive Finishing Tool



COUPLER/PLUG
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ACCESSORIES
PAGE 222

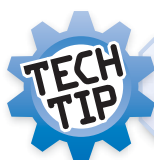
Use with Spindle-Mount, Arbor-Mount and Eyelet Sanding Stars

- For whitewood/sealer sanding, light deburring of metal, or fabrication and finishing of composite surfaces.
- Excellent for use on wooden parts, moldings, raised panels and intricate profiles. Eliminates raised grain and removes loose fibers when whitewood sanding as well as scuffing sealer coats.
- Tool includes extended rear exhaust muffler and 94407 Air-Flow Control Dynaswivel® fitting for maximum tool maneuverability and control.

Model 52050 0-3,200 RPM, .4 hp, 1/4" Collet

Model 52051 0-3,200 RPM, .4 hp, 6 mm Collet

- Mount 4" diameter spindle-mount abrasive sanding stars with 1/4" shank, or Eyelet Dy-Cut sanding stars. (Stars sold separately, see page 284.)



The grit and spacing of arbor-mount stars (below) determine sanding aggressiveness. We suggest trying various grit and spacing combinations.

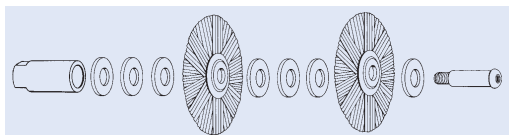


52050 Lightweight Dyninger with optional spindle-mount stars.

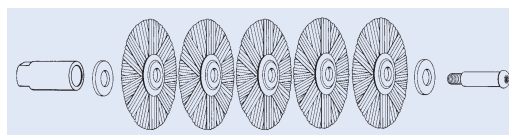
Model 52052 0-3,200 RPM, .4 hp, Arbor-Mount

- For running arbor-mount abrasive stars or Dynacushion® wheel.
- Includes 12980 Arbor (1/2" diameter) for mounting up to five 4" diameter arbor-mount sanding stars (1/2" center hole). Arbor includes spacers to be used between the stars for added flexibility. (Stars sold separately, see page 284.)
- Tool includes extended rear exhaust muffler and 94407 Air-Flow Control Dynaswivel® fitting for maximum tool maneuverability and control.

Least Aggressive/Most Flexible



Most Aggressive/Less Flexible



52052 Lightweight Dyninger with single arbor-mount star attached.

NOTE: The rated RPM of a mounted sanding star is reduced when using flexible shafts. When using the flex shaft for finishing inside diameters, place the eyelet sanding star inside the workpiece, then start the tool.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52050	.4 (298)	0-3,200	81 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	9-1/4 (235)	1-5/8 (40)
52051	.4 (298)	0-3,200	81 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	9-1/4 (235)	1-5/8 (40)
52052	.4 (298)	0-3,200	81 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	8-3/4 (222)	1-5/8 (40)

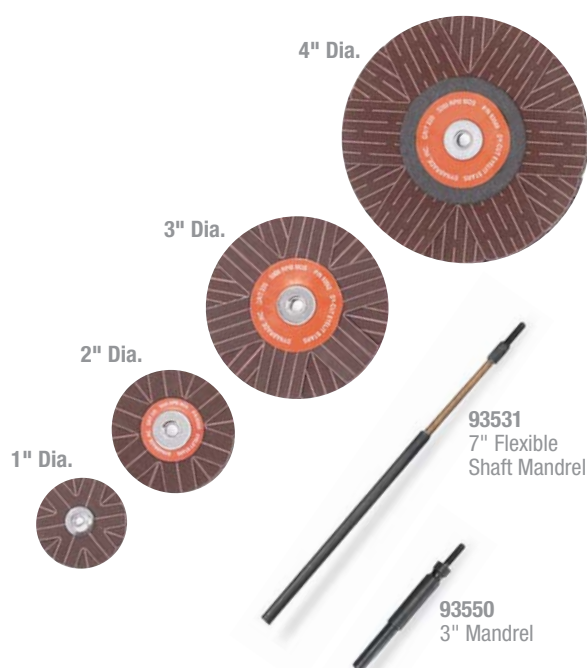
Tune-Up Kit: No. 96173 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Eyelet Sanding Stars and Mandrels

Ideal for Deburring and Polishing Hard-to-Reach Areas

For Use with Lightweight Dyninger

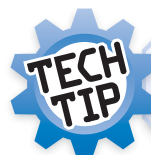
- Eyelet sanding stars are available in the following diameters: 3/4", 1", 1-1/2", 2", 3" and 4".
- Use with Lightweight Dyninger models 52050 and 52051, and Die Grinder models.
- Excellent for wooden parts, moldings, raised panels and intricate profiles. Eliminates raised grain and removes loose fibers when whitewood sanding as well as scuffing sealer coats.
- Provides uniform, smooth surface for achieving the best top coats.
- Metalworking applications include setting in-line scratch on stainless steel.
- Polish and deburr inside diameters of pipe and tubing.



3" Eyelet Sanding Star easily enters pipe elbow using 7" long flexible mandrel.



Sand and deburr inside small dia. pipe and other hard to reach areas with 3/4" – 1-1/2" stars.



The grit and spacing of these stars determine sanding aggressiveness. We suggest trying various grit and spacing combinations.

NOTE: The rated RPM of a mounted sanding star is reduced when using flexible shafts. When using the flex shaft for finishing inside diameters, place the eyelet sanding star inside the workpiece, then start the tool.

ALUMINUM OXIDE COATED ABRASIVES										STAR MANDREL	
Star Diameter	Female Thread	80 Grit	120 Grit	150 Grit	180 Grit	220 Grit	320 Grit	400 Grit	Package Quantity	3" Length	7" Length
3/4"	3-48	93579	93580	93581	93582	93583	—	—	10	93534	93533
1"	3-48	93586	93587	93588	93589	93590	—	—	10	93534	93533
1-1/2"	8-32	93541	93542	93543	93544	93545	93546	93547	10	93548	93532
2"	1/4"-20	93551	93552	93553	93554	93555	93556	93557	10	93550	93531
3"	1/4"-20	93558	93559	93560	93561	93562	93563	93564	10	93550	93531
4"	1/4"-20	93565	93566	93567	93568	93569	—	—	10	93550	93531

Dynabrade Systems & Solutions

For Abrasive Finishing Tools – Suggested Tool/Accessory Combinations



ABRASIVE FINISHING TOOLS

TOOL	ABRASIVE	ACCESSORIES		
Dynastraight® Model 13204 3,400 RPM, .7 hp, Page 33 	15-1/2" Long Belts 3-1/2" Width Page 273	Arbor 13015 Page 248 	Dynacushion® 94472 Page 244 	Coupler/Plug Assy. 95685 Page 228 
Dynastraight® Model 13502 3,400 RPM, 1 hp, Page 33 	6" Dia. DynaStrip Discs 1/2" Center Hole Page 280	Arbor Page 248 13016 	Coupler/Plug Assy. 98267 Page 228 	Dynaswivel® 95461 Page 223 
Extension Dynastraight® Model 13516 3,400 RPM, 1 hp, Page 34 	15-1/2" Long Belts 2-3/4" Width Page 273	Arbor 13071 Page 248 	Dynacushion® 92936 Page 244 	Dynaswivel® 95461 Page 223 
Dynastraight® Model 13214 4,500 RPM, .7 hp, Page 35 	15-1/2" Long Belts 1-1/2" Width Page 272	Arbor 13072 Page 248 	DynaWheels 92921, 92867 Page 245 	Dynaswivel® 94300 Page 223 
Dynisher Model 13450 2,800 RPM, 1 hp, Page 40 	15-1/2" Long Belts 3-1/2" Width Page 273	Gear Oil 95848 Page 254 	Dynacushion® 92938 Page 244 	Dynaswivel® 95461 Page 223 
Electric Dynisher Model 51585 0-3,000 RPM Page 41 	15-1/2" Long Belts 3-1/2" Width Page 273	Dynacushion® 92938 Page 244 	Handle Assembly 53163 Page 253 	

ESSENTIAL ACCESSORIES

Grease 95542 Page 254 	Grease Gun 95541 Page 254 	CLEO® Belts 91498, 91499, 91500 Page 288 	CLEO® Polishing Compounds Page 288 	Multi-Purpose Arbor 13071 Page 248 
				Low Flow Air Chuck 98130 Page 244 